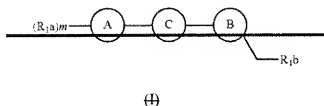


Amendments to the Claims:

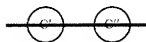
This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims:

Claim 1 (currently amended): A compound of the formula (I), or a pharmaceutically-acceptable salt thereof,

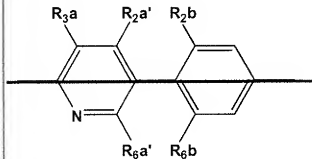


wherein in (I) C is a biaryl group C' C''



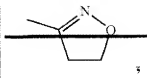
where C' and C'' are independently aryl or heteroaryl rings such that the group C is represented by the group H below:

H

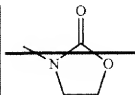


wherein the group H is attached to rings A and B in the orientation [(A-C') and (C''-B)] shown:

wherein A is an isoxazoline ring selected from

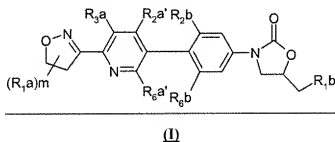


and B is an oxazolidinone ring selected from



wherein A is linked as shown in (I) via the 3-position to ring C' of group C and independently substituted in the 4 and 5 positions as shown in (I) by one or more substituents $-R_{1a}m$;

and wherein B is linked as shown in (I) via the 3-position to ring C'' of group C and independently substituted in the 5 position as shown in (I) by substituent $-CH_2-R_{1b}$;



wherein

R_{2b} and R_{6b} are independently selected from H and F;

$R_{2a'}$ and $R_{6a'}$ are H;

R_{3a} is H;

wherein when ring C' is a pyridine ring the ring nitrogen in the pyridine ring may optionally be oxidised to an N-oxide;

R_{1a} is independently selected from R_{1a1} to R_{1a5} below:

R_{1a1} : AR1, AR2, AR2a, AR2b, AR3, AR3a, AR3b, AR4, AR4a, CY1, CY2;

R_{1a2}: cyano, carboxy, (1-4C)alkoxycarbonyl, -C(=W)NR_vR_w [wherein W is O or S, R_v and R_w are independently H, or (1-4C)alkyl and wherein R_v and R_w taken together with the amide or thioamide nitrogen to which they are attached can form a 5-7 membered ring optionally with an additional heteroatom selected from N, O, S(O)_n in place of 1 carbon atom of the so formed ring; wherein when said ring is a piperazine ring, the ring may be optionally substituted on the additional nitrogen by a group selected from (1-4C)alkyl, (3-6C)cycloalkyl, (1-4C)alkanoyl, -COO(1-4C)alkyl, -S(O)_n(1-4C)alkyl wherein n=1 or 2, -COOAR₁, -CS(1-4C)alkyl and -C(=S)O(1-4C)alkyl; wherein any (1-4C)alkyl, (1-4C)alkanoyl and (3-6C)cycloalkyl substituent may itself be substituted by cyano, hydroxy or halo, provided that, such a substituent is not on a carbon adjacent to a nitrogen atom of the piperazine ring], ethenyl, 2-(1-4C)alkylethenyl, 2-cyanoethenyl, 2-cyano-2-((1-4C)alkyl)ethenyl, 2-nitroethenyl, 2-nitro-2-((1-4C)alkyl)ethenyl, 2-((1-4C)alkylaminocarbonyl)ethenyl, 2-((1-4C)alkoxycarbonyl)ethenyl, 2-(AR₁)ethenyl, 2-(AR₂)ethenyl, 2-(AR_{2a})ethenyl;

R_{1a3}: (1-10C)alkyl [optionally substituted by one or more groups (including geminal disubstitution) each independently selected from hydroxy, (1-10C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkylcarbonyl, phosphoryl [-O-P(O)(OH)₂, and mono- and di-(1-4C)alkoxy derivatives thereof], phosphiryl [-O-P(OH)₂ and mono- and di-(1-4C)alkoxy derivatives thereof], and amino; and/or optionally substituted by one group selected from carboxy, phosphonate [phosphono, -P(O)(OH)₂, and mono- and di-(1-4C)alkoxy derivatives thereof], phosphinate [-P(OH)₂ and mono- and di-(1-4C)alkoxy derivatives thereof], cyano, halo, trifluoromethyl, (1-4C)alkoxycarbonyl, (1-4C)alkoxy-(1-4C)alkoxycarbonyl, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxycarbonyl, (1-6C)alkanoyloxy(1-4C)alkoxy, carboxy(1-4C)alkoxy, halo(1-4C)alkoxy, dihalo(1-4C)alkoxy, trihalo(1-4C)alkoxy, morpholino-ethoxy, (N'-methyl)piperazino-ethoxy, 2-, 3-, or 4-pyridyl(1-6C)alkoxy, N-methyl(imidazo-2 or 3-yl)(1-4C)alkoxy, imidazo-1-yl(1-6C)alkoxy, (1-4C)alkylamino, di((1-4C)alkyl)amino, (1-6C)alkanoylamino-, (1-4C)alkoxycarbonylamino-, N-(1-4C)alkyl-N-(1-6C)alkanoylamino-, -C(=W)NR_vR_w [wherein W is O or S, R_v and R_w are independently H, or (1-4C)alkyl and wherein R_v and

Rw taken together with the amide or thioamide nitrogen to which they are attached can form a 5-7 membered ring optionally with an additional heteroatom selected from N, O, S(O)_n in place of 1 carbon atom of the so formed ring; wherein when said ring is a piperazine ring, the ring may be optionally substituted on the additional nitrogen by a group selected from (1-4C)alkyl, (3-6C)cycloalkyl, (1-4C)alkanoyl, -COO(1-4C)alkyl, -S(O)_n(1-4C)alkyl wherein n=1 or 2, -COOAR1, -CS(1-4C)alkyl and -C(=S)O(1-4C)alkyl], (=NORv) wherein Rv is as hereinbefore defined, (1-4C)alkylS(O)_pNH-, (1-4C)alkylS(O)_p((1-4C)alkyl)N-, fluoro(1-4C)alkylS(O)_pNH-, fluoro(1-4C)alkylS(O)_p((1-4C)alkyl)N-, (1-4C)alkylS(O)_q-, CY1, CY2, AR1, AR2, AR3, AR1-O-, AR2-O-, AR3-O-, AR1-S(O)_q-, AR2-S(O)_q-, AR3-S(O)_q-, AR1-NH-, AR2-NH-, AR3-NH- (p is 1 or 2 and q is 0, 1 or 2), and also AR2a, AR2b, AR3a and AR3b versions of AR2 and AR3 containing groups); wherein any (1-4C)alkyl, (1-4C)alkanoyl and (3-6C)cycloalkyl present in any substituent on R_{1a3} may itself be substituted by one or two groups selected from cyano, hydroxy, halo, amino, (1-4C)alkylamino and di(1-4C)alkylamino, provided that such a substituent is not on a carbon adjacent to a heteroatom if present;

R_{1a4}: R¹⁴C(O)O(1-6C)alkyl [wherein R¹⁴ is AR1, AR2, AR2a, AR2b, (1-4C)alkylamino, benzyloxy-(1-4C)alkyl, naphthylmethyl, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy-(1-4C)alkoxy, (1-4C)alkoxy-(1-4C)alkoxy or (1-10C)alkyl {optionally substituted as defined for (R_{1a3})}, imidazo-1-yl(1-6C)alkyloxy(1-4C)alkyl, morpholino-ethoxy(1-4C)alkyl, (N'-methyl)piperazino-ethoxy(1-4C)alkyl, 2-, 3-, or 4-pyridyl(1-6C)alkyloxy(1-4C)alkyl, 2-, 3-, or 4-pyridyl(1-6C)alkylamino(1-4C)alkyl, 2-, 3-, or 4-pyridyl(1-6C)alkylsulfonyl(1-4C)alkyl, N-methyl(imidazo-2 or 3-yl)(1-4C)alkyloxy(1-4C)alkyl;

R_{1a5}: F, Cl, hydroxy, mercapto, (1-4C)alkylS(O)_p- (p=0, 1 or 2), -NR₁₂R₁₃, -OSO₂(1-4C)alkyl, -O(1-4C)alkanoyl, or -OR_{1a3};

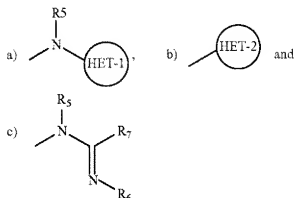
m is 0, 1 or 2;

wherein two substituents R_{1a} both at the 4 or 5 position of the isoxazoline ring [[A]] taken together may form a 5 to 7 membered spiro ring;

wherein two substituents R_{1a} at the 4 and 5 positions of the isoxazoline ring [[A]] taken together may form a 5 to 7 membered fused ring;

provided that if $(R_{1a})_m$ is a single substituent R_{1a} at the 5 position of the isoxazoline ring [[A]] then R_{1a} is not $-CH_2X$ wherein X is selected from R_{1b} ;

R_{1b} is independently selected from hydroxy, $-OSi(\text{tri-(1-6C)alkyl})$, wherein the 3 (1-6C)alkyl groups are independently selected from all possible (1-6C)alkyl groups, $-NR_5C(=W)R_4$, $-OC(=O)R_4$,



wherein W is O or S ;

provided that R_{1b} is not $-NHC(=O)Me$;

R_4 is selected from hydrogen, amino, (1-8C)alkyl, (2-6C)alkyl (substituted by 1, 2 or 3 substituents independently selected from methyl, chloro, bromo, fluoro, methoxy, methylthio, azido and cyano), methyl (substituted by 1, 2 or 3 substituents independently selected from methyl, chloro, bromo, fluoro, methoxy, methylthio, hydroxy, benzyloxy, ethynyl, (1-4C)alkoxycarbonyl, azido and cyano), $-NHR_{12}$, $-N(R_{12})(R_{13})$, $-OR_{12}$ or $-SR_{12}$, (2-4C)alkenyl, $-(1-8C)alkylaryl$, mono-, di-, tri- and per-halo(1-8C)alkyl, $-(CH_2)_p(3-6C)cycloalkyl$ and $-(CH_2)_p(3-6C)cycloalkenyl$

wherein p is 0, 1 or 2;

R₅ is selected from hydrogen, (3-6C)cycloalkyl, phenyloxycarbonyl, tert-butoxycarbonyl, fluorenyloxycarbonyl, benzyloxycarbonyl, (1-6C)alkyl (optionally substituted by cyano or (1-4C)alkoxycarbonyl), -CO₂R₈, -C(=O)R₈, -C(=O)SR₈, -C(=S)R₈, P(O)(OR₉)(OR₁₀) and -SO₂R₁₁, wherein R₈, R₉, R₁₀ and R₁₁ are as defined hereinbelow;

HET-1 is selected from HET-1A and HET-1B wherein:

HET-1A is a C-linked 5-membered heteroaryl ring containing 2 to 4 heteroatoms independently selected from N, O and S; which ring is optionally substituted on a C atom by an oxo or thioxo group; and/or which ring is optionally substituted on any available C atom by one or two substituents selected from RT as hereinafter defined and/or on an available nitrogen atom, (provided that the ring is not thereby quaternised) by (1-4C)alkyl;

HET-1B is a C-linked 6-membered heteroaryl ring containing 2 or 3 nitrogen heteroatoms, which ring is optionally substituted on a C atom by an oxo or thioxo group; and/or which ring is optionally substituted on any available C atom by one, two or three substituents selected from RT as hereinafter defined and/or on an available nitrogen atom, (provided that the ring is not thereby quaternised) by (1-4C)alkyl;

HET-2 is selected from HET-2A and HET-2B wherein

HET-2A is an N-linked 5-membered, fully or partially unsaturated heterocyclic ring, containing either (i) 1 to 3 further nitrogen heteroatoms or (ii) a further heteroatom selected from O and S together with an optional further nitrogen heteroatom; which ring is optionally substituted on a C atom, other than a C atom adjacent to the linking N atom, by an oxo or thioxo group; and/or which ring is optionally substituted on any available C atom, other than a C atom adjacent to the linking N atom, by a substituent selected from RT as hereinafter defined and/or on an available nitrogen atom, other than a N atom adjacent to the linking N atom, (provided that the ring is not thereby quaternised) by (1-4C)alkyl;

HET-2B is an N-linked 6-membered di-hydro-heteroaryl ring containing up to three nitrogen heteroatoms in total (including the linking heteroatom), which ring is substituted on a suitable C atom, other than a C atom adjacent to the linking N atom, by oxo or thioxo and/or which ring is optionally substituted on any available C atom, other than a C atom adjacent to the linking N atom, by one or two substituents independently selected from RT as hereinafter

defined and/or on an available nitrogen atom, other than a N atom adjacent to the linking N atom, (provided that the ring is not thereby quaternised) by (1-4C)alkyl;

RT is selected from a substituent from the group:

(RTa1) hydrogen, halogen, (1-4C)alkoxy, (2-4C)alkenyloxy, (2-4C)alkenyl, (2-4C)alkynyl, (1-4C)alkoxycarbonyl, (3-6C)cycloalkyl, (3-6C)cycloalkenyl, (1-4C)alkylthio, amino, azido, cyano and nitro; or

(RTa2) (1-4C)alkylamino, di-(1-4C)alkylamino, and (2-4C)alkenylamino;

or **RT** is selected from the group

(RTb1) (1-4C)alkyl group which is optionally substituted by one substituent selected from hydroxy, (1-4C)alkoxy, (1-4C)alkylthio, cyano and azido; or

(RTb2) (1-4C)alkyl group which is optionally substituted by one substituent selected from (2-4C)alkenyloxy, (3-6C)cycloalkyl, and (3-6C)cycloalkenyl;

or **RT** is selected from the group

(RTc) a fully saturated 4-membered monocyclic ring containing 1 or 2 heteroatoms independently selected from O, N and S (optionally oxidised), and linked via a ring nitrogen or carbon atom;

and wherein at each occurrence of an **RT** substituent containing an alkyl, alkenyl, alkynyl, cycloalkyl or cycloalkenyl moiety in **(RTa1)** or **(RTa2)**, **(RTb1)** or **(RTb2)**, or **(RTc)** each such moiety is optionally substituted on an available carbon atom with one, two, three or more substituents independently selected from F, Cl, Br, OH and CN;

R₆ is cyano, -COR₁₂, -COOR₁₂, -CONHR₁₂, -CON(R₁₂)(R₁₃), -SO₂R₁₂, -SO₂NHR₁₂, -SO₂N(R₁₂)(R₁₃) or NO₂, wherein R₁₂ and R₁₃ are as defined hereinbelow;

R₇ is hydrogen, amino, (1-8C)alkyl, -NHR₁₂, -N(R₁₂)(R₁₃), -OR₁₂ or -SR₁₂, (2-4C)alkenyl, (1-8C)alkylaryl, mono-, di-, tri- and per-halo(1-8C)alkyl, -(CH₂)_p(3-6C)cycloalkyl or -(CH₂)_p(3-6C)cycloalkenyl wherein *p* is 0, 1 or 2;

R₈ is hydrogen, (3-6C)cycloalkyl, phenyl, benzyl, (1-5C)alkanoyl, (1-6C)alkyl (optionally substituted by substituents independently selected from (1-5C)alkoxycarbonyl, hydroxy, cyano, up to 3 halogen atoms and -NR₁₅R₁₆, wherein R₁₅ and R₁₆ are independently selected from hydrogen, phenyl (optionally substituted with one or more substituents selected from halogen, (1-4C)alkyl and (1-4C)alkyl substituted with one, two, three or more halogen

atoms) and (1-4C)alkyl (optionally substituted with one, two, three or more halogen atoms), or for any N(R₁₅)(R₁₆) group, R₁₅ and R₁₆ may additionally be taken together with the nitrogen atom to which they are attached to form a pyrrolidinyl, piperidinyl or morpholinyl ring;

R₉ and **R₁₀** are independently selected from hydrogen and (1-4C)alkyl;

R₁₁ is (1-4C)alkyl or phenyl;

R₁₂ and **R₁₃** are independently selected from hydrogen, phenyl (optionally substituted with one or more substituents selected from halogen, (1-4C)alkyl and (1-4C)alkyl substituted with one, two, three or more halogen atoms) and (1-4C)alkyl (optionally substituted with one, two, three or more halogen atoms), or for any N(R₁₂)(R₁₃) group, R₁₂ and R₁₃ may additionally be taken together with the nitrogen atom to which they are attached to form a pyrrolidinyl, piperidinyl or morpholinyl ring, which ring may be optionally substituted by a group selected from (1-4C)alkyl, (3-6C)cycloalkyl, (1-4C)alkanoyl, -COO(1-4C)alkyl, S(O)_n(1-4C)alkyl wherein n=1 or 2, -COOAR1, -CS(1-4C)alkyl and -C(=S)O(1-4C)alkyl;

AR1 is an optionally substituted phenyl or optionally substituted naphthyl;

AR2 is an optionally substituted 5- or 6-membered, fully unsaturated (i.e. with the maximum degree of unsaturation) monocyclic heteroaryl ring containing up to four heteroatoms independently selected from O, N and S (but not containing any O-O, O-S or S-S bonds), and linked via a ring carbon atom, or a ring nitrogen atom if the ring is not thereby quaternised;

AR2a is a partially hydrogenated version of AR2, linked via a ring carbon atom or linked via a ring nitrogen atom if the ring is not thereby quaternised;

AR2b is a fully hydrogenated version of AR2, linked via a ring carbon atom or linked via a ring nitrogen atom;

AR3 is an optionally substituted 8-, 9- or 10-membered, fully unsaturated bicyclic heteroaryl ring containing up to four heteroatoms independently selected from O, N and S (but not containing any O-O, O-S or S-S bonds), and linked via a ring carbon atom in either of the rings comprising the bicyclic system;

AR3a is a partially hydrogenated version of AR3, linked via a ring carbon atom, or linked via a ring nitrogen atom if the ring is not thereby quaternised, in either of the rings comprising the bicyclic system;

AR3b is a fully hydrogenated version of AR3, linked via a ring carbon atom, or linked via a ring nitrogen atom, in either of the rings comprising the bicyclic system;

AR4 is an optionally substituted 13- or 14-membered, fully unsaturated tricyclic heteroaryl ring containing up to four heteroatoms independently selected from O, N and S (but not containing any O-O, O-S or S-S bonds), and linked via a ring carbon atom in any of the rings comprising the tricyclic system;

AR4a is a partially hydrogenated version of AR4, linked via a ring carbon atom, or linked via a ring nitrogen atom if the ring is not thereby quaternised, in any of the rings comprising the tricyclic system;

CY1 is an optionally substituted cyclobutyl, cyclopentyl or cyclohexyl ring;

CY2 is an optionally substituted cyclopentenyl or cyclohexenyl ring;

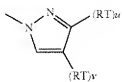
wherein; optional substituents on AR1, AR2, AR2a, AR2b, AR3, AR3a, AR3b, AR4, AR4a, CY1 and CY2 are (on an available carbon atom) up to three substituents independently selected from (1-4C)alkyl {optionally substituted by substituents selected independently from hydroxy, trifluoromethyl, (1-4C)alkyl S(O)_q- (q is 0, 1 or 2), (1-4C)alkoxy, (1-4C)alkoxycarbonyl, cyano, nitro, (1-4C)alkanoylamino, -CONRvRw or -NRvRw}, trifluoromethyl, hydroxy, halo, nitro, cyano, thiol, (1-4C)alkoxy, (1-4C)alkanoyloxy, dimethylaminomethyleneaminocarbonyl, di(N-(1-4C)alkyl)aminomethylimino, carboxy, (1-4C)alkoxycarbonyl, (1-4C)alkanoyl, (1-4C)alkylSO₂amino, (2-4C)alkenyl {optionally substituted by carboxy or (1-4C)alkoxycarbonyl}, (2-4C)alkynyl, (1-4C)alkanoylamino, oxo (=O), thioxo (=S), (1-4C)alkanoylamino {the (1-4C)alkanoyl group being optionally substituted by hydroxy}, (1-4C)alkyl S(O)_q- wherein q is 0, 1 or 2 {the (1-4C)alkyl group being optionally substituted by one or more groups independently selected from cyano, hydroxy and (1-4C)alkoxy}, -CONRvRw or -NRvRw [wherein Rv is hydrogen or (1-4C)alkyl; Rw is hydrogen or (1-4C)alkyl]; and further optional substituents on AR1, AR2, AR2a, AR2b, AR3, AR3a, AR3b, AR4, AR4a, CY1 and CY2 (on an available carbon atom), and also on alkyl groups are up to three substituents independently selected from trifluoromethoxy, benzoylamino, benzoyl, phenyl {optionally substituted by up to three substituents independently selected from halo, (1-4C)alkoxy or cyano}, furan, pyrrole,

pyrazole, imidazole, triazole, pyrimidine, pyridazine, pyridine, isoxazole, oxazole, isothiazole, thiazole, thiophene, hydroxyimino(1-4C)alkyl, (1-4C)alkoxyimino(1-4C)alkyl, halo-(1-4C)alkyl, (1-4C)alkanesulfonamido, -SO₂NR_vR_w [wherein R_v is hydrogen or (1-4C)alkyl; R_w is hydrogen or (1-4C)alkyl]; and optional substituents on AR₂, AR_{2a}, AR_{2b}, AR₃, AR_{3a}, AR_{3b}, AR₄ and AR_{4a} are (on an available nitrogen atom, where such substitution does not result in quaternization) (1-4C)alkyl, (1-4C)alkanoyl {wherein the (1-4C)alkyl and (1-4C)alkanoyl groups are optionally substituted by one substituents independently selected from cyano, hydroxy, nitro, trifluoromethyl, (1-4C)alkyl S(O)_q- (q is 0, 1 or 2), (1-4C)alkoxy, (1-4C)alkoxycarbonyl, (1-4C)alkanoylamino, -CONR_vR_w or -NR_vR_w [wherein R_v is hydrogen or (1-4C)alkyl; R_w is hydrogen or (1-4C)alkyl]}, (2-4C)alkenyl, (2-4C)alkynyl, (1-4C)alkoxycarbonyl or oxo (to form an N-oxide).

Claim 2 (canceled)

Claim 3 (previously presented): A compound of claim 1, wherein R_{1a} and R_{1b} are independently selected from -NHCO(1-4C)alkyl, -NHCO(1-4C)cycloalkyl, -NHCS(1-4C)alkyl, -N(R₅)-HET-1 and HET-2.

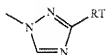
Claim 4 (previously presented): A compound of claim 3, wherein HET-2A is selected from the structures (Za) to (Zf) below:



(Za)



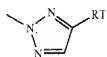
(Zb)



(Zc)



(Zd)



(Ze)



(Zf)

wherein u and v are independently 0 or 1.

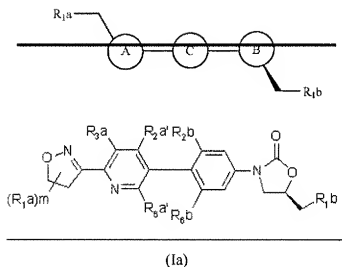
Claim 5 (previously presented): A compound of claim 4 wherein RT is selected from

- (a) hydrogen;
- (b) halogen;
- (c) cyano;
- (d) (1-4C)alkyl;
- (e) monosubstituted (1-4C)alkyl;
- (f) disubstituted (1-4C)alkyl; and

(g) trisubstituted (1-4C)alkyl.

Claims 6-8 (canceled)

Claim 9 (currently amended): A compound of the formula (Ia) which is a compound of claim 1



Claim 10 (canceled)

Claim 11(withdrawn): A method for producing an antibacterial effect in a warm blooded animal which comprises administering to said animal an effective amount of a compound of claim 1.

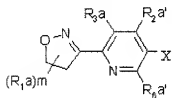
Claims 12 and 13 (canceled)

Claim 14 (previously presented): A pharmaceutical composition which comprises a compound of claim 1 and a pharmaceutically-acceptable diluent or carrier.

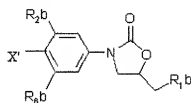
Claims 15-20 (withdrawn)

Claim 21 (withdrawn/new): A process for the preparation of a compound of formula (I) as claimed in claim 1 or pharmaceutically acceptable salts thereof, which process comprises one of processes (a) to (j):

- (a) modifying a substituent in, or introducing a substituent into another compound of the invention by using standard chemistry;
- (b) reacting a molecule of a compound of formula (IIa) with a molecules of a compound of formula (IIb) wherein X and X' are leaving groups useful in palladium coupling and are chosen such that a heteroaryl-aryl bond replaces the heteroaryl-X and aryl-X' bonds,



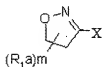
(IIa)



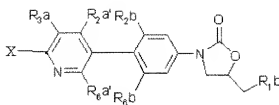
(IIb)

;

- (c) reacting a compound of formula (IIIa) with a compound of formula (IIIb):



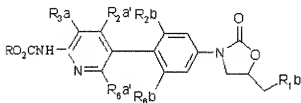
(IIIa)



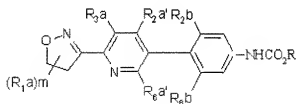
(IIIb)

where X and X' are replaceable substituents and wherein the substituents X and X' are chosen to be complementary pairs of substituents for coupling reactions catalysed by transition metals;

(d) reacting a (hetero)biaryl derivative (IVa) or (IVb) carbamate:

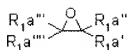


(IVa)



(IVb)

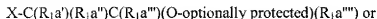
with an appropriately substituted oxirane:



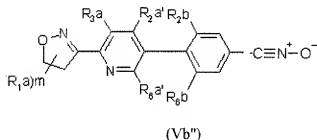
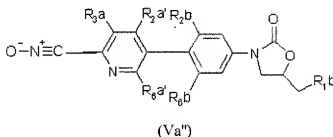
to form an oxazolidinone ring at the undeveloped aryl position, wherein 0, 1, or 2 of $R_{1a'}$ to $R_{1a''''}$ are substituents as defined for R_{1a} and the remainder are hydrogen;

or

replacing the carbamate with an isocyanate or an amine and/or replacing the oxirane with an equivalent reagent



(e) forming a nitrile oxide intermediate (Va'' or Vb''):



by oxidation of the corresponding oxime or otherwise and reaction of the nitrile oxide intermediate with an appropriately substituted alkene;

(f) for HET-2 as optionally substituted 1,2,3-triazoles, by cycloaddition via the corresponding azide to acetylenes, or to acetylene equivalents or optionally substituted ethylenes bearing eliminatable substituents;

- (g) for HET-2 as 4-substituted 1,2,3-triazole compounds of formula (I), by reacting aminomethyloxazolidinones with 1,1-dihaloketone sulfonylhydrazones;
- (h) for HET-2 as 4-substituted 1,2,3-triazole compounds of formula (I), by reacting azidomethyl oxazolidinones with terminal alkynes using Cu(I) catalysis to give 4-substituted 1,2,3-triazoles; or
- (i) for HET-2 as 4-halogenated 1,2,3-triazole compounds of formula (I), by reacting azidomethyl oxazolidinones with halovinylsulfonyl chlorides at a temperature between 0 °C and 100 °C either neat or in an inert diluent.